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FORM PTO-1390
(REV. 11-2000)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

2039.000

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

09/830080

INTERNATIONAL APPLICATION NO.

PCT/GM99/03484

INTERNATIONAL FILING DATE

21 October 1999 (21.10.99)

PRIORITY DATE CLAIMED

21 October 1998 (21.10.98)

TITLE OF INVENTION

A METHOD OF AFFINITY SEPARATION AND LIGANDS FOR USE THEREIN

APPLICANT(S) FOR DO/EO/US

Mathias Uhlen and Sophia Hober

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (unexecuted)
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.
14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:
 International Preliminary Examination Report
 International Search Report

U.S. APPLICATION NO. **09/830080**

INTERNATIONAL APPLICATION NO.
PCT/GB99/03484

ATTORNEY'S DOCKET NUMBER
2039.000

21. ☒ The following fees are submitted:

BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):

Neither international preliminary examination fee (37 CFR 1.482)
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO
and International Search Report not prepared by the EPO or JPO. **\$1000.00**

International preliminary examination fee (37 CFR 1.482) not paid to
USPTO but International Search Report prepared by the EPO or JPO **\$860.00**

International preliminary examination fee (37 CFR 1.482) not paid to USPTO
but international search fee (37 CFR 1.445(a)(2)) paid to USPTO **\$710.00**

International preliminary examination fee (37 CFR 1.482) paid to USPTO
but all claims did not satisfy provisions of PCT Article 33(1)-(4) **\$690.00**

International preliminary examination fee (37 CFR 1.482) paid to USPTO
and all claims satisfied provisions of PCT Article 33(1)-(4) **\$100.00**

ENTER APPROPRIATE BASIC FEE AMOUNT =

CALCULATIONS PTO USE ONLY

\$ 860.00

Surcharge of **\$130.00** for furnishing the oath or declaration later than ☐ 20 ☐ 30
months from the earliest claimed priority date (37 CFR 1.492(e)).

\$

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$
Total claims	26 - 20 =	6	x \$18.00	\$ 108.00
Independent claims	9 - 3 =	6	x \$80.00	\$ 480.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$270.00	\$ --

TOTAL OF ABOVE CALCULATIONS =

\$1448.00

☒ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above
are reduced by 1/2.

\$ 724.00

SUBTOTAL =

\$ 724.00

Processing fee of **\$130.00** for furnishing the English translation later than ☐ 20 ☐ 30
months from the earliest claimed priority date (37 CFR 1.492(f)).

\$ --

TOTAL NATIONAL FEE =

\$ 724.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). **\$40.00** per property +

\$ --

TOTAL FEES ENCLOSED =

\$ 724.00

Amount to be
refunded:

\$

charged:

\$

- a. ☒ A check in the amount of \$ 724.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
overpayment to Deposit Account No. 14-1080. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card
information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR
1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

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SIGNATURE

Lisa M. Gehrke
NAME

38,888
REGISTRATION NUMBER
April 20, 2001

#3
C. Burt
14 Oct 01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATION OF DEPOSIT

U.S. Serial No. 09/830,080
National Phase Patent Application Filed Under 35 U.S.C. 371
International Application No. PCT/GB99/03484
Inventors: Mathias Uhlen and Sophia Hober
Title: *A Method of Affinity Separation and Legands for Use Therein*
Attorney Docket: 2039.000
Customer No. 023907

I hereby certify that the following attached documents are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Box PCT - DO/EO/US, Washington, D.C. 20231 on September 19, 2001.

Transmittal letter dated September 19, 2001
Notification of Missing Requirements Under 35 U.S.C. 371
Executed two-page Declaration
Response in Accordance with 37 CFR 1.821-1.825
Disk containing Sequence Listing
Executed Assignment and Recordation Form Cover Sheet
\$260 check and \$40 check
Postcard



Diane Schwaiger

ds G:\Data\CLIENT\2039\000\FirstClassMailCert.doc

09/26/2001 MKAYPAGH 00000020 09830080

02 FC:216

195.00 0P

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

EXPRESS MAIL CERTIFICATE OF MAILING

National Phase Patent Application Filed Under 35 U.S.C. 371.

International Application No. PCT/GB99/03484

Inventors: Mathias Uhlén and Sophia Hober

Title: *A Method of Affinity Separation and Ligands for Use Therein*

Attorney Docket: 2039.000

Customer No. 023907

Express Mail Label No. EL844874548US

Date of Deposit: April 20, 2001

I hereby certify that the following attached documents are being deposited with the United States Postal Service in "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Transmittal letter dated April 20, 2001

English-language specification and claims (31 pages), sequence listing (7 pages), and drawings (7 sheets).

Preliminary Amendment, substitute claims 1-26, and Abstract of the Disclosure Declaration (2-page, unexecuted)

International Search Report

International Preliminary Examination Report

\$724 check

Postcard



Diane Schwaiger